PATENT NUMBER and ISSUE DATE

U.S. **UTILITY** Patent Application

1	APPL NUM 10038783	FILING DATE 12/31/2001	CLASS 7117	SUBCLASS	GAU 2 12 2	KI)	EXAMINER Bl. W.W. G.			
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П	ПТLE : Optimizing an exclusion join operation using a bitmap index structure U.S.DEPT. OF COMM./PAT.& ТМ-РТО-436L(Rev. 12-94)									
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		Assistant Examiner	Total Claims		Print Claim for O.G				
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		Primary Examiner							
TER	MINAL	PREPARED FOR ISSUE	Application Examiner						
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